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AFGHANISTAN

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FACT SHEET

Afghanistan Engineering Support Program (AESP)

OVERVIEW

Under the AESP, Tetra-Tech provides quick response, resident architecture and engineering (AE) services to support the USAID/Afghanistan Office of Infrastructure, Engineering, and Energy (OIEE). The activities under the AESP compliment and reinforce the activities and expertise of USAID's OIEE staff. Working as an extension of OIEE staff, the team provides AE services in five sectors: transportation, water/sanitation, energy, vertical structures, and water resources.

The AESP has deployed 25 American engineers and support staff to Kabul. Tetra Tech also has an extensive reach-back support team of more than 230 staff ready for immediate response. Additionally, Tetra Tech resources include more than 10,000 staff worldwide with capabilities that encompass architecture, civil, structural, electrical, and mechanical engineering, as well as environmental assessment and compliance and construction services.

CURRENT ACTIVITIES

- **Transportation engineering:** Support OIEE in providing third party quality assurance oversight services to the Strategic Provincial Roads project, light airport master planning and quality assurance services for airports, and engineering support for the Provincial Reconstruction Teams
- **Energy engineering:** Provide planning, design, and quality assurance services in electric transmission projects throughout Afghanistan
- **Vertical structures AE:** Perform architectural, structural, mechanical, electrical, and plumbing drawing reviews and providing AE technical support and design services for two large building projects, the new Ministry of Public Health complex, and Civil Service Institute training centers
- **Water resources:** Provide technical reviews of existing dam and hydro-electric power facilities and assessments for potential dams for flood control, irrigation, and power generation

ACCOMPLISHMENTS

- **Transportation engineering:** Completed three road design reviews and one airport reconstruction quality assurance project
- **Energy engineering:** Completed 12 transmission and generation planning and design projects and assisted the vertical structures sector in electrical design reviews
- **Vertical structures AE:** Completed 18 vertical structures master planning, design, design review, and quality assurance
- **Water resources:** Completed site visits to four hydro-electric dam sites, prepared and reviewed cost estimates for two dams, and reviewed the river hydraulics related to a bridge failure
- **Water and sanitation:** Completed designs of onsite wastewater treatment plants and water systems for two schools and performed reviews of the Kabul Water Study and Kabul Water System Bid Documents